AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. **(Canceled)**

2. (Previously Presented) An optical component fixing method using an adhesive to fix the optical component and a support on which the optical component is to be fixed at a prescribed location, the method comprising:

a step of forming a notch in the support;

a step of scoring a surface of the support so as to form kerfs communicating with the notch;

a step of bringing the optical component into direct contact with the scored surface of the support; and

a step of flowing a fluid adhesive along kerfs produced by the scoring,

wherein the scoring kerfs are formed at a pitch of 3 μm - 300 μm.

3. (Previously Presented) An optical component fixing method using an adhesive to fix the optical component and a support on which the optical component is to be fixed at a prescribed location, the method comprising:

a step of forming a notch in the support;

a step of scoring a surface of the support so as to form kerfs communicating with the notch;

a step of bringing the optical component into direct contact with the scored surface of the support; and

a step of flowing a fluid adhesive along kerfs produced by the scoring,

wherein the scoring kerfs are formed to a depth of 0.1 μm - 1 μm.

4. (Previously Presented) An optical component fixing method using an adhesive to fix the optical component and a support on which the optical component is to be fixed at a prescribed location, the method comprising:

a step of forming a notch in the support;

a step of scoring a surface of the support so as to form kerfs communicating with the notch;

a step of bringing the optical component into direct contact with the scored surface of the support; and

a step of flowing a fluid adhesive along kerfs produced by the scoring,

wherein an attachment surface of the support has a flatness of 1 μm or less.

5. (Previously Presented) An optical component fixing method according to any one of claims 2 to 4, wherein the step of bringing the optical component into direct contact with the scored surface of the support further comprises bringing a solid state laser apparatus component into direct contact with the scored surface.

6. (Canceled)

7. (Currently Amended) An optical component support to which an optical component is ~~to be~~ fixed with an adhesive, the support comprising a surface provided with a notch and ~~scoring~~ scored kerfs communicating with the notch,

wherein the ~~scoring~~ scored kerfs are formed at a pitch of 3 μm - 300 μm.

8. (Currently Amended) An optical component support to which an optical component is ~~to be~~ fixed with an adhesive, the support comprising a surface provided with a notch and ~~scoring~~ scored kerfs communicating with the notch,

wherein the ~~scoring~~ scored kerfs are formed to a depth of 0.1 μm - 1 μm.

9. (Currently Amended) An optical component support to which an optical component is ~~to be~~ fixed with an adhesive, the support comprising a surface provided with a notch and ~~scoring~~ scored kerfs communicating with the notch,

wherein an attachment surface of the support has a flatness of 1 μm or less.

10. - 15. (Canceled)

16. (Previously Presented) An optical component fixing method using an adhesive to fix the optical component and a support on which the optical component is to be fixed at a prescribed location, the method comprising:

a step of forming a notch in the support;

a step of scoring a surface of the support so as to form kerfs communicating with the notch;

a step of bringing the optical component into direct contact with the scored surface of the support; and

a step of flowing a fluid adhesive along kerfs produced by the scoring,

wherein the scoring kerfs are formed at a pitch of 3 μm - 300 μm, and

wherein an attachment surface of the support has a flatness of 1 μm or less.

17. (Previously Presented) An optical component fixing method using an adhesive to fix the optical component and a support on which the optical component is to be fixed at a prescribed location, the method comprising:

a step of forming a notch in the support;

a step of scoring a surface of the support so as to form kerfs communicating with the notch;

a step of bringing the optical component into direct contact with the scored surface of the support; and

a step of flowing a fluid adhesive along kerfs produced by the scoring,

wherein the scoring kerfs are formed to a depth of 0.1 μm - 1 μm, and

wherein an attachment surface of the support has a flatness of 1 μm or less.